

CLAIMS

1. Perimeter marking barrier of a playing field characterized in that it comprises one or more barrier elements disposed along the perimeter of a playing field, wherein at least one of said barrier elements comprises a reflecting surface
5 which extends vertically and is suitable for retaining inside said playing field an object to be thrown that impacts against said reflecting surface wherein said at least one barrier element is suitable to be moved and/or deformed so as to modify the perimeter of said playing field.
2. Perimeter marking barrier as claimed in claim 1, characterized in that said
10 at least one barrier element is provided with wheels on which it can run to be moved.
3. Perimeter marking barrier as claimed in claim 1 and/or 2, characterized in that said at least one barrier element is suitable for returning said object to be thrown inside the perimeter marking barrier, when said object hits said impact
15 surface.
4. Perimeter marking barrier as claimed in claim 3, characterized in that said reflecting surface has variable rigidity and/or cushioning of impacts along its height so as to dissipate, in the impact of said object to be thrown against said impact surface, a different fraction of kinetic energy of said object to be thrown according
20 to the height of the impact point.
5. Perimeter marking barrier as claimed in claim 4, characterized in that said rigidity in the upper part of said reflecting surface is substantially less than the rigidity in the lower part of said impact surface, and said cushioning of impacts in the upper part of said reflecting surface is substantially greater than the cushioning
25 in the lower part of said impact surface.
6. Perimeter marking barrier as claimed in claim 5, characterized in that said reflecting surface comprises a first part with substantially greater rigidity and a second part with substantially less rigidity than the rigidity of said first part and positioned at a greater height than said first part, wherein said first part extends
30 vertically to a height from the ground that is no less than the average height of the hips of the players.
7. Perimeter marking barrier as claimed in claim 5 and/or 6, characterized in

that said reflecting surface comprises a first part with substantially greater rigidity, and a second part with substantially less rigidity than the rigidity of said first part and positioned at a greater height than said first part, wherein said first part extends vertically to a height from the ground that does not exceed 0.3 m.

5 8. Perimeter marking barrier as claimed in one or more of the previous claims, characterized in that said reflecting surface comprises a lower part substantially directed downwards and an upper part substantially directed upwards so as to deflect objects to be thrown which hit against it downwards and upwards respectively.

10 9. Perimeter marking barrier as claimed in one or more of the previous claims, characterized in that said barrier element comprises at least two of said impact surfaces disposed on two opposite sides of said barrier element.

10. Barrier element suitable for composing a perimeter marking barrier of a playing field as claimed in one or more of the previous claims, said barrier element
15 being characterized in that it comprises at least one reflecting surface that extends vertically, is suitable for retaining an object to be thrown which hits said reflecting surface and is suitable for being moved and/or deformed so as to modify the perimeter of said playing field.

11. Barrier element as claimed in claim 10, characterized in that the rigidity of
20 the upper part of said reflecting surface is less than the rigidity of the lower part of said impact surface, and cushioning of impacts in the upper part of said reflecting surface is greater than cushioning in the lower part of said impact surface.

12. Barrier element suitable for composing a perimeter marking barrier as
claimed in claim 10 and/or 11, said element being characterized in that it
25 comprises an internal cavity that can be filled with ballasting material so as to increase or decrease the weight of the element to facilitate the movement thereof.

13. Barrier element as claimed in one or more of the claims from 10 to 12, characterized in that it comprises:

-a first of said reflecting surfaces, defining an opening;

30 -a second reflecting surface suitable for being positioned flush with said first reflecting surface and for closing said opening, or for being indented in respect of said first reflecting surface so as to open said opening and define the hollow space

of a soccer, five-a-side or hockey goal.

14. Barrier element as claimed in one or more of the claims from 10 to 13, characterized in that it comprises one or more panels covering a substantially rectangular or square portion of said first reflecting surface, said substantially rectangular or square portion being suitable for being used as a regular or non regular soccer, five-a-side or hockey goal, wherein said one or more panels are suitable for cushioning impacts of said objects to be thrown hitting them in a substantially different way to the way they are cushioned by the part of said first reflecting surface not covered by said one or more panels.

15. Barrier element as claimed in one or more of the claims from 10 to 14, characterized in that said substantially rectangular or square portion covered by said one or more panels, is surrounded by a border suitable for highlighting, by vibrating or moving to a greater extent than said panels, when it is hit by one of said objects to be thrown.

16. Perimeter marking system for play areas, utilizing reflecting barriers, suitable for specific lactacid training, instruction and games activities, related to the game of soccer and other sports in which a ball is played inside a field, characterized in that its fundamental elements are constituted of modules, that segments of barrier, independent or non-rigidly connected, thus making it possible, for each example, to delimit play areas of variable dimensions.

17. Perimeter marking system for play areas according to claim 16, characterized in that it has portions of the reflecting surface, which may be used as goals by extracting them from the barrier, leaving an opening therein, while they will be part of said barrier as one and the same thing, indistinct and locked, in the phase not in use, thus allowing, for each example, complete, continual and optional variability of the dimensional, numeric and spatial positioning combinations of the goals within the context of the barriers.

18. Perimeter marking system of play areas as claimed in claim 16, characterized in that it can be transported and positioned at will thanks to carriages placed under the component modules.

19. Perimeter marking system of play areas as claimed in claim 16, characterized in that it also allows partial perimeter marking - even with the use of